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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): M. SULLIVAN *et al.*

Attorney Docket No: 20002.0269

Application No.: 10/607,133

Group Art Unit: 3711

Filed: June 27, 2003

Examiner: R. Gordon

For: PRE-VULCANIZED OR PRE-CROSSLINKED  
MATERIALS FOR GOLF BALLS

**RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action mailed on September 1, 2004, Applicants submit the following amendments and remarks for entry and consideration during the examination of the above-identified application.

## **IN THE WRITTEN DESCRIPTION**

Please rewrite the paragraph found on page 5 at lines 4-14 as follows:

“Pre-vulcanized” materials include sulfur-based chemical compounds that already have been vulcanized, in particular, polymer chains joined together (*i.e.*, crosslinked) by sulfur-sulfur bridges to give a three dimensional polymeric network. “Pre-crosslinked” materials include chemical compounds that already have been crosslinked, in particular, polymer chains that are joined together or crosslinked by peroxides or free radicals. Typically, pre-crosslinked materials contain polymer chains that are joined together by chemical bridges that are not sulfur-sulfur bridges. For example, the polymer chains can contain peroxide moieties and/or free radicals that react with other peroxide moieties and/or free radicals of other polymer chains to form crosslinked material. In another example, peroxides, free radicals and/or free radical-generators are contacted with the polymer chains to facilitate crosslinking between polymer chains.